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Patent
Attorney's Docket No. 032360-009

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re Patent Application of)
)
Kouichi TSUJI *et al.*) Group Art Unit: 1642
)
Application Serial No. 09/350,899) Examiner: K. Canella
)
Filed: July 12, 1999) Confirmation No.: 8923
)
For: HUMAN LUNG)
ADENOCARCINOMA-)
RELATED MONOCLONAL)
ANTIBODY AND ANTIGEN)
AND IMMUNOASSAY)
METHOD WHICH USES THE)
SAME)

AMENDMENT AND REPLY PURSUANT TO 37 C.F.R. § 1.112

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In complete response to the Official Action dated July 2, 2002, Applicants
hereby provide the following amendments and remarks.

IN THE CLAIMS:

Kindly replace claim 10 as follows:
An isolated

E1
Df
10. (Thrice Amended) A glycoprotein antigen having a molecular weight of
200 kD or more as determined by SDS-PAGE under reducing conditions, which is
expressed by cells of human lung adenocarcinoma, and is secreted by said lung
adenocarcinoma, wherein said glycoprotein antigen specifically binds to a monoclonal
antibody of an IgM isotype produced by a hybridoma selected from the group consisting